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**UTILITY
PATENT APPLICATION
TRANSMITTAL**(Only for new nonprovisional applications under 37
CFR 1.53(b))

Attorney Docket No.	66638/37453
First Inventor	Smith
Title	Signal-To-Noise Ratio Tuned Adaptive Optics Control
Express Mail Label No.	EV 328620166 US

APPLICATION ELEMENTSSee MPEP chapter 600 concerning utility patent
application contents.

1. ☐ Applicant claims small entity status.
See 37 CFR 1.27.
2. ☒ Specification [Total Pages No. 22]
(preferred arrangement set forth below)
 - ☒ Descriptive title of the invention
 - ☐ Cross Reference to Related Applications
 - ☐ Statement Regarding Fed sponsored R & D
 - ☐ Reference to sequence listing, a table, or a computer program listing appendix
 - ☒ Background of the Invention
 - ☒ Brief Summary of the Invention
 - ☒ Brief Description of the Drawings (if filed)
 - ☒ Detailed Description
 - ☒ Claim(s)
 - ☒ Abstract of the Disclosure
3. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets No. 3]
4. Oath or Declaration [Total Pages No. 2]
 - a. ☒ Newly executed (original or copy)
 - b. ☐ Unexecuted
 - b. ☐ Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)
 - i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).

ADDRESS TO:Assistant Commissioner for Patents
Box Patent Application
P.O. Box 1450
Alexandria, VA 22313-1450

5. ☐ CD-ROM or CD-R in duplicate, large table or
Computer Program (Appendix)
6. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. ☐ Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ paper
 - c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

7. ☒ Assignment Papers (cover sheet & document(s))
8. ☐ 37 CFR 3.73(b) Statement ☒ Power of Attorney (unexecuted)
(when there is an assignee)
9. ☐ English Translation Document (if applicable)
10. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
11. ☐ Preliminary Amendment
12. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
13. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
14. ☐ Nonpublication Request under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35
or its equivalent.
15. ☒ Certificate of Express Mailing
16. ☒ Other: Checks for \$40.00 (assignment fee) and \$ 750.00 (filing fee)

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment,
or in an Application Data Sheet under 37 CFR 1.76:
☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: _____
Prior application information: Examiner _____ Group Art Unit: _____

FOR CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is
supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby
incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted
application parts.

18. CORRESPONDENCE ADDRESS

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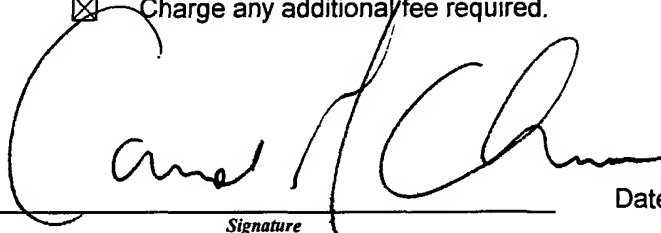
Name	Caroline G. Chicoine		Registration No. (Attorney/Agent)	38,198
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PATENT APPLICATION FEE DETERMINATION RECORD				Application or Docket Number 66638/37453	
CLAIMS AS FILED - PART I				SMALL ENTITY	OR OTHER THAN SMALL ENTITY
FOR	(Column 1) NUMBER FILED	(Column 2) NUMBER EXTRA		RATE	FEE
BASIC FEE (37 CFR 1.16(a))					\$ 0
TOTAL CLAIMS (37 CFR 1.16(c))	20	minus 20 = *	x \$	=	OR x \$ 18.00
INDEPENDENT CLAIMS (37 CFR 1.16(b))	2	minus 3 = *	x \$	=	OR x \$ 84.00
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(d))			+	=	OR + \$ 280.00=
* If the difference in column 1 is less than zero, enter "0" in column 2			TOTAL		OR TOTAL 750.00

- ☒ Checks in the amounts of \$40.00 (assignment fee) and \$750.00 (filing fee) are attached.
- ☒ The Commissioner is hereby authorized to charge and credit Deposit Account No. 20-0823 as described below. A duplicate copy of this sheet is enclosed.
- ☐ Charge the amount of _____ for the patent filing fee.
- ☒ Credit any overpayment.
- ☒ Charge any additional fee required.


Signature

Dated: June 25, 2003

Caroline G. Chicoine, Reg. No. 38,198
Thompson Coburn LLP
One US Bank Plaza
St. Louis, Missouri 63101
314-552-6499
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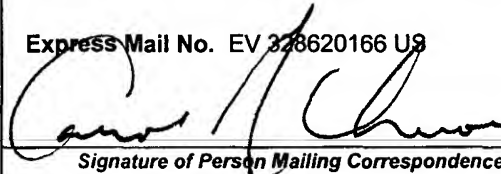


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PATENT TRADEMARK OFFICE

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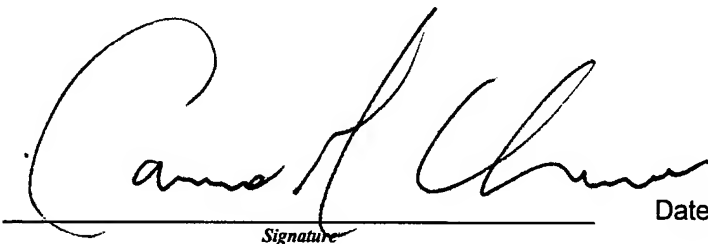
Caroline G. Chicoine
Typed or Printed Name of Person Mailing Correspondence

EXPRESS MAIL CERTIFICATE OF MAILING (37 CFR 1.10)**Express Mail No. EV 328620166 US**Docket No.
66638/37453In Re Application Of:
SmithSerial No.
To be assignedFiling Date
herewithExaminer
unknownGroup Art Unit
unknownTitle:
Signal-To-Noise Ratio Tuned Adaptive Optics ControlTO THE COMMISSIONER OF PATENTS AND TRADEMARKS

Transmitted herewith is:

Utility Patent Application Transmittal:

- ☒ Patent Application
☒ Drawings: 3 Sheets ☒ Formal ☐ Informal;
☒ Power of Attorney: ☐ Executed ☒ Not executed
☒ Declaration: ☒ Executed ☐ Not executed
☒ Assignment with Recordation Form
☐ Information Disclosure Statement with References ()
☐ NonPublication Request under 35 U.S.C. 122(b)(2)(B)(i)
☒ Postcard
☒ Checks in the amounts of \$40.00 (assignment fee) and \$750.00 (filing fee) are attached


Signature

Dated: June 25, 2003

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